

THE BOLLINGTON URBAN DISTRICT COUNCIL.ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH, 1947.1. - GENERAL STATISTICS.

Population	4980
Area (Acres)	1442
Number of inhabited houses	1677
Estimated net produce of ld. rate	£94

2. - EXTRACTS FROM VITAL STATISTICS FOR THE YEAR.Births.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	43	40	83
Illegitimate	1	5	6
	44	45	89

Live Birth Rate 17.8 per 1,000 of estimated population.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Still Births	3	3	6

Birth rate of Stillborn children 63.1 per 1,000 total live & still births.

<u>Deaths (All Ages)</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>
	26	37	63
Crude Death Rate	12.6 per 1,000		
Puerperal Sepsis	Nil		
Other Puerperal causes	Nil		
Rate per 1,000 births	Nil		

Deaths of Children under 1 year.

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate	2	4	6
Illegitimate	-	-	-

Of the 6 infantile deaths under 1 year, only two are recorded as having occurred in the village - one lived 30 minutes due to premature birth and the other was overlaid by the mother at the age of one month ( an accidental death).

Death Rate of infants under 1 year of age per 1,000 live births -

Legitimate	67.4
Illegitimate	Nil

Number of women dying consequent of Child Birth - Nil

Death Rate from Tuberculosis. 1947.

Pulmonary .2 per thousand estimated population.

Non-Pulmonary Nil per thousand estimated population.

Death Rate from Cancer 2.2 per thousand estimated population.

"	"	"	Measles (All Ages)	2
"	"	"	Whooping Cough	Nil
"	"	"	Diarrhoea (under 2 years)	Nil

From the above figures the outstanding features are :-

During 1947 there were no noteworthy causes of sickness, nor had we any deaths from Whooping Cough or Diphtheria or any of the Epidemic Diseases, which is a very satisfactory state of affairs.

During 1947 there were no deaths in the village due to Childbirth and no cases of puerperal sepsis, which is very satisfactory, and has been so now for a number of years.



The Chief Causes of Deaths for 1947 are as follows:-

	<u>Males.</u>	<u>Females.</u>
Tuberculosis (Respiratory)	1	-
Tuberculosis (Other Forms)	-	-
Cancer of Stomach or Duodenum	3	2
Cancer	1	2
Cancer of Breast	-	3
Intra-Cranial Vascular Lesions	-	8
Heart Disease	3	5
Other Circulatory Diseases	5	5
Bronchitis	-	1
Pneumonia	1	-
Other Respiratory Diseases	-	1
Ulcer of Stomach or Duodenum	1	1
Nephritis	1	-
Premature Birth	-	1
Congenital Malformation	2	2
Road Traffic	1	-
Measles	-	1
Symptomatic Disease	-	-
Diabetes	-	-
Diarrhoea under 2 years	-	-
Other Violent Deaths	1	1
Suicide	-	-
Acute Infantile Encephalitis	1	-
All other Causes	5	4
	<u>26</u>	<u>37</u>

NOTIFIABLE DISEASES DURING THE YEAR.

<u>Disease.</u>	<u>No. of Cases.</u>	<u>No. admitted to Hospital.</u>	<u>Deaths.</u>
Measles	71	-	1
Scarlet Fever	13	6	-
Diphtheria	1	1	-
Typhoid	-	-	-
Septicæmic Pyrexia	-	-	-
Pneumonia	5	-	1
Erysipelas	2	1	-
Chicken Pox	65	-	-
Influenza Meningitis	-	-	-
Whooping Cough	47	-	-
Cerebral Spinal Fever	-	-	-

A Scheme for free artificial immunisation of children against Diphtheria has been available in my Council's District since 1939 and the number of children up to the present time who have received the above treatment is 1106. Further propaganda was carried out again in the schools and homes which revived interest and the figures are quite good.

Our rates for the number of cases of Scarlet Fever and Diphtheria notified per 1,000 of the population are respectively 2.6 and .2

The cost to the Council for patients admitted to the Macclesfield Isolation Hospital was approximately £600.

There have been no cases of Ophthalmia Neonatorum during the year 1947.





Age Period.	<u>TUBERCULOSIS</u>				DEATHS			
	NEW CASES							
	Pulmonary Males	Pulmonary Females	Non-Pulmonary Males	Non-Pulmonary Females	Pulmonary Males	Pulmonary Females	Non-Pulmonary Males	Non-Pulmonary Females
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	1	-	-	-	-
10	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
20	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
35	1	-	-	-	-	-	-	-
45	-	-	-	-	-	-	1	-
55	-	-	-	-	-	-	-	-
65	-	-	-	-	-	-	-	-
TOTALS	1	-	-	1	-	-	1	-

It has not been found necessary to take any action under the Public Health Prevention of Tuberculosis Regulation, 1928. During 1947 11 specimens of Sputum were examined for Tuberculosis, 11 being negative and Nil positive.

SUMMARY OF NURSING ARRANGEMENTS  
HOSPITALS AND OTHER INSTITUTIONS FOR THE DISTRICT

(a) Infectious Diseases. An agreement with the Macclesfield Corporation to provide sufficient beds in the new joint Hospital Scheme is in force.

Under this new arrangements it will be possible to admit and isolate several other diseases apart from Scarlet Fever and Diphtheria, viz Whooping Cough Measles and Puerperal Pyrexia.

During 1947 - 8 cases of infectious diseases, viz 6 scarlet fever and 1 Diphtheria, 1 Erisipelas were referred to Hospital for treatment.

(b) Small Pox. During 1947 there have been no cases of Small Pox. My Council have an agreement with the Congleton and District Joint Small Pox Hospital Committee for the reception of Small Pox Cases for next two years.

(c) Tuberculosis. These cases are dealt with:-

- (a) Domiciliary Treatment under the care of own Doctor.
- (b) Hospital. )
- (c) Sanatorium ) Under the care of Cheshire County Tuberculosis Scheme
- (d) Dispensary )

(d) Venereal Disease Our nearest centre for the treatment of these diseases is West Park Hospital, and it is under the supervision of the Cheshire County Authorities.

(e) Ambulance Facilities. Cases of sickness or accident requiring removal to Hospital are conveyed by the Macclesfield Borough Ambulance or by private conveyance. Arrangements have now been made with the Macclesfield Corporation for the use of the Borough Ambulance in necessitous cases and from my experience this is proving very efficacious and they are very quick in their response to any calls.

Infectious Diseases cases are conveyed by the Macclesfield Fever Ambulance.

There are male and female contingents of the St. John Ambulance Association in the district who are always willing to render first aid and are of considerable help in a scattered industrial area such as Bollington.

(f) School Children The routine medical examination of School Children is carried out by the staff of the Health Department of the Cheshire County Council.

(g) Home Nursing By Nurses Priest and Hindmarsh who are also our Resident Midwives



(h) Pathological Work. Arrangements are now in force with the Laboratory at the Parkside Hospital for the pathological work that may be required to be done by the Health Department. This arrangement is more satisfactory than our previous one, since it is more expeditious and the postal delay is saved.

(i) My Council have an arrangement with the Macclesfield Infirmary Mortuary for any cases requiring Post Mortem Examination.

(j) Public Health Staff. A Part-time Medical Officer, John W. Chadwick, M.R.C.S. (Eng) L.R.C.P. (Lon) D.P.H. (Man) and a part-time Sanitary Inspector, Chas. A. Smith, Certified Royal Sanitary Institute, Certified Sanitary Inspector (Man Univ).

During 1948 Mr. Chas. Smith retired as Sanitary Inspector and Mr. Ankers was appointed in his place. I should like to express my appreciation of Mr. Smith's services over a long number of years and say how sorry I was to lose him. He was always most helpful and kind and it was a pleasure and privilege to work along with him during this long number of years and I wish him many years of a happy retirement. I wish Mr. Ankers every success in his new appointment.

As this will be my last annual report on the Health of Bollington since the co-operation with Macclesfield, I should like to express my thanks and appreciation of the kindness and courtesy and the appreciation my Committee have given me at all times during my 21 years service with the Council and it has always been a pleasure to work for them. We have I think, and quite rightly, been very proud of our yearly health bill in the village, and I wish my successor the same good fortune.

#### SANITARY ADMINISTRATION.

WATER. The water supplied in the area and bulk supplies to the Macclesfield Rural District Parishes of Adlington, Prestbury and Rainow have been satisfactory in quantity and quality.

The Council's Consulting Analyst, Messrs. Melling & Arden visit the Undertaking three times per year and at their discretion send for samples for organisation.

14 Samples were submitted for Bacteriological Examination

6 Raw Water - Analyst report 'All waters are of perfectly sound and wholesome quality'.

3 Raw water - Analyst report - One sample - Contamination of this raw Lower Brook Water could not be regarded as heavy., the prevailing climatic condition being favourable. Plate count gave only one organism per cubic centimetre at Blood Heat.

Two samples - Both Lowerbrook Raw Waters have been subject to serious Bacteriological infection probably as a result of the recent 'wash-out' consequent on the heavy Rainfall (Supply turned to waste at this time until clear). Chlorination of the Lowerbrook supply has been effective in producing a water of wholesome Bacteriological quality.

5 Chlorinated Analyst's report - All waters are of perfectly sound and wholesome quality.

3 Samples were submitted for Chemical analysis, results expressed in parts per 100,000.

Total solids in solution	...	16.4	15.0	14.8
Total Hardness	...	10.0	8.0	11.0
Temporary "	...	8.4	7.2	7.4
Permanent "	...	1.6	0.8	3.6
Combined chlorine	...	1.1	1.3	1.2
Heavy (Toxic) metals	...	Nil	Nil	Nil
Ammoniacal nitrogen	...	Nil	0.0016	0.002
Albuminoid "	...	0.001	0.001	0.006
Nitrous "	...	Nil	Nil	Nil
Nitric "	...	0.11	0.16	0.20
Oxygen absorbed in 3 hrs @ 26.7 C.	...	Nil	0.01	0.011

There are 1677 houses in the Urban District, all but 10 are on the Public Supply 1,664 are supplied direct to the houses

3 are supplied by stand pipe.





(5)

DRAINAGE AND SEWERAGE. Particulars of any important extension of the Sewerage System. A new sewer has been laid from Risley Road to Moss Lane to allow of substitution of Water Closets for Privies in this area. The surface water sewer in Moss Brow has been diverted so as to allow it to discharge into the Council's Sewers, and prevent pollution of the River. The sewer in Red Lion Brow has been extended to receive the sewage from a new building.

Alteration to Sewers have taken place in the Bollington Cross Area to receive the Sewage from 94 new houses on the Bollington Cross Housing Site.  
CLOSET ACCOMMODATION. Number of conversions from conservancy system to water carriage during the year - Nil.

HOUSING. This Authority have, with minor exception, adopted the Housing Standard approved by the Joint County Advisory Committee on Rural Housing and recommended by the Cheshire County Council. Until the Housing situation is improved and building material and building labour are available little progress can be made with the improvement of the older houses in the district.

PUBLIC CLEANSING. Particulars of any extension or improvement during the year in the arrangements for public cleansing - None.

MEAT AND OTHER FOODS. The Sanitary Inspector has co-operated with the Sanitary Inspector of the Macclesfield Rural District Council in carrying out the duties of meat inspection at the Ministry of Food central slaughterhouse in Macclesfield in respect of meat for consumption in their respective districts. 4 parcels of various other foods have been condemned during 1947.

MILK SAMPLES. Inspection of Dairies and Cowsheds have been carried out in the District but the sampling carried out by the Cheshire County Council and other bodies has been used as a guide to the quality of the milk consumed in this district.

FACTORIES ACT, 1937.

INSPECTIONS for the provisions as to health (including inspections made by the Sanitary Inspectors)

Premises	M/c line No.	Number on Register	Inspections	Written Notices	Inspectors Occupiers prosecuted	M/c line No.
1	2.	3.	4	5	6	7
Factories in which Sec. 1,2,3,4 & 6 are to be enforced by Local Authorities.	1	1	1	Nil	Nil	1
Factories not included in (i) in which Sec. 7 is enforced by Local Authority.	2	18	26	6	Nil	2
Other premises in which Sec. 7 is enforced by the Local Authority (exclud- ing out-workers' premises	3.	-	-	-	-	3
Total		19	27	6	Nil	



CASES IN WHICH DEFECTS WERE FOUND.

	M/c line No. 2.	Number of cases in which defects were found.			Number of cases in which prosecutions were instituted.	
		Found	Remedied To H.M. Inspt.	By H.M. Inspt.		
1	2	3	4	5	6	7
Want of cleanliness	4	Nil	Nil	Nil	Nil	Nil
Overcrowding	5	Nil	Nil	Nil	Nil	Nil
Unreasonable Temp.	6	Nil	Nil	Nil	Nil	Nil
Inadequate ventilation	7	Nil	Nil	Nil	Nil	Nil
Ineffective drainage of floors.	8	Nil	Nil	Nil	Nil	Nil
Sanitary Conveniences						
(a) Insufficient	9	1	1	Nil	Nil	Nil
(b) Unsuitable or defective	10	2	Nil	Nil	Nil	Nil
(c) Not separate for sexes.	11	1	1	Nil	Nil	Nil
Other offences against the act (not including offences relating to infectious diseases)	12	Nil	Nil	Nil	Nil	Nil
Total	60	4	2	Nil	Nil	Nil

In conclusion, I should like to thank Mr. C. A. Smith who has been acting as Temporary Sanitary Inspector who is always willing to render any assistance and carry out instructions in connection with the health of the township.

I have the honour to be

Lady & Gentlemen,

Your obedient Servant,

J.W. CHADWICK, M.R.C.S. (Eng)., L.R.C.P. (Lond)., D.P.H. (Man).  
Medical Officer of Health.

